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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known

Application Number	09/902,902
Filing Date	07/29/2001
First Named Inventor	Stephen C. Baer
Group Art Unit	2838
Examiner Name	
Attorney Docket Number	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>JP</i>		3,013,467		Minsky	12/1961	
<i>JP</i>		3,513,980		Petrán et al.	6/1970	
<i>JP</i>		3,705,755		Baer	12/1972	
<i>JP</i>		4,100,571		Dykes and Oharek	7/1978	
<i>JP</i>		4,460,828		Harvey	7/1984	
<i>JP</i>		4,471,470		Swainson et al.	9/1984	
<i>JP</i>		4,917,462		Lewis et al	4/1990	
<i>JP</i>		5,034,613		Denk et al.	7/1991	
<i>JP</i>		5,153,873		Spruit et al.	10/1992	
<i>JP</i>		5,268,862		Rentzepis	12/1993	
<i>JP</i>		5,289,407		Strickler et al	2/1994	
<i>JP</i>		5,731,588		Hell et al.	3/1998	
<i>JP</i>		5,777,342		Baer	7/1998	
<i>JP</i>		5,866,911		Baer	2/1999	
<i>JP</i>		5,952,668		Baer	9/1999	
<i>JP</i>		6,259,104 B1		Baer	7/2001	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>Jack Bowman</i>
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Date Considered	7/30/03
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet

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of

3

Application Number

09/902,902

Filing Date

07/29/2001

First Named Inventor

Stephen C. Baer

Group Art Unit

2838

Examiner Name

Attorney Docket Number



OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JPB		S. Inoué, "Imaging of Unresolved Objects, Superresolution, and Precision of Distance Measurement with Video Microscopy" in Taylor and Wang, Fluorescence Microscopy of Living Cells in Culture, Part B San Diego, U.S.A. 1989 pp.85-112. Academic Press, Inc.	
JPB		Toraldo di Francia, "Super-Gain Antennas and Optical Resolving Power" Nuovo Cimento, Suppl.9, Bologna, Italy, 1952 pp. 426-435.	
JPB		Fukumoto and Kubota, "Superresolution of Optical Discs Using a Small Aperture," Jpn. J. Appl. Phys. vol 31, Tokyo, Japan 1992 pp.529-533 February Part 1, No. 2B.	
JPB		Yanagisawa and Ohsawa, "Superresolution in Optical Disc Systems with a Non-Linear Refractive Layer" Jpn. J. Appl. Phys. vol. 32, Tokyo, Japan 1993 pp.1971-1974. May Part 1, No 5A.	
JPB		Denk, et al "Two-Photon Laser Scanning Fluorescence Microscopy, Science, vol. 248, Washington, U.S.A. 1990, pp. 73-76.	
JPB		Sheppard and Gu, "Image Formation in Two-Photon Fluorescence Microscopy" Optik vol. 86, No.3, Stuttgart, Germany 1990, pp. 104-106.	

Examiner
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**INFORMATION DISCLOSURE
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Sheet 3 of 3

Application Number	09/902,902
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JP		Strickler and Webb, "Two-Photon Excitation in Laser Scanning Fluorescence Microscopy, Proc. SPIE, vol. 1398, Bellingham, WA, U.S.A. 1990, pp. 107-118.	
JP		Parthenopoulos and Rentzepis, "Three-Dimensional Optical Storage Memory" Science, vol. 245, Washington, DC, U.S.A., 1989, pp. 843-845.	
JP		Hegedus and Sarafis, "Superresolving Filters in Confocally Scanned Imaging Systems", J. Opt. Soc. Am. A, vol. 3, Washington, DC, U.S.A. 1986, pp. 1892-1896.	
JP		Arimoto and Kawata, "Laser-Scan Fluorescence Microscope with Annular Excitation" Optik vol 86, No. 1, Stuttgart, Germany, 1990, pp. 7-10.	
JP		S. Hell, "Improvement of Lateral Resolution in Far-Field Light Microscopy by Using Two-Photon Excitation with Offset Beams." Optics Communications, vol. 106, Amsterdam, The Netherlands, 1994, pp. 19-24	
JP		S. Hell and J. Wichmann, "Breaking the Diffraction Resolution Limit by Stimulated-Emission-Depletion Fluorescence Microscopy" Optics Letters vol. 19, Washington, U.S.A. 1994, pp. 780-782.	
JP		M. Levenson, N. Viswanathan and R. Simpson, "Improving Resolution in Photolithography with a Phase-Shifting Mask. IEEE Trans. on Electron Devices. vol. ED-29, no. 12, New York, USA, 1982, pp. 1828-1836.	

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